## **CLAIM AMENDMENTS**

1. (Currently Amended) A sulfur-containing compound represented by formula (I)

$$R(O)_mS \longrightarrow Z \longrightarrow S(O)_mR \quad (1)$$

wherein R each independently represents a hydrogen atom, a C1 to C6 alkyl group which may have substituents, a C2 to C6 alkenyl group which may have substituents, an aryl group which may have substituents, a chlorine atom or a bromine atom; m represents an integer of  $\theta_{\overline{2}}$  1 or 2; and Z represents the following formulae (II) through (V):

$$R(O)_mS$$
  $C$   $-W$  (II)

$$R(O)_mS$$
  $S(O)_mR$  (III)

$$R(O)_mS$$
  $S(O)_mR$   $(IV)$ 

$$R(O)_{m}S \longrightarrow C \longrightarrow S(O)_{m}R \quad (V)$$

wherein R and m represent the same as defined in the above; W represents a hydrogen atom or a C1 to C6 alkyl group which may have substituents; and Y represents a direct bond, an alkylene group having 1 to 3 carbons or a phenylene group.

- 2. 4. (Canceled)
- 5. (Original) A sulfur-containing compound represented by formula (IX).

6. (Currently Amended) A molecular compound comprising the sulfur-containing compound represented by formula (I) according to Claim 1 as a component compound

$$R(O)_mS$$
  $-Z$   $-S(O)_mR$  (I)

wherein R each independently represents a hydrogen atom, a C1 to C6 alkyl group which may have substituents, a C2 to C6 alkenyl group which may have substituents, an aryl group which may have substituents, a chlorine atom or a bromine atom; m represents an integer of  $\theta_{\overline{\tau}}$  1 or 2; and Z represents the following formulae (II) through (V):

$$R(O)_{m}S \longrightarrow \begin{matrix} - \\ - \\ - \end{matrix} \qquad (II)$$

$$R(O)_mS$$
  $S(O)_mR$  (III)

$$R(O)_mS$$
  $C$   $S(O)_mR$   $(IV)$ 

$$R(O)_{m}S \longrightarrow C \longrightarrow S(O)_{m}R \quad (V)$$

wherein R and m represent the same as defined in the above; W represents a hydrogen atom or a C1 to C6 alkyl group which may have substituents; and Y represents a direct bond, an alkylene group having 1 to 3 carbons or a phenylene group.

- 7. (Original) The molecular compound according to Claim 6 in which the molecular compound is a clathrate compound.
- 8. (Currently Amended) The molecular compound according to any of Claim 6 or 7, wherein the component compounds are the sulfur-containing compound represented by formula

  (I) according to Claim 1 and an anti-microbial agent, anti-fungal agent, insecticide, insect repellent agent, perfume, deodorant/anti-odor agent, anti-foulant, curing agent and curing

accelerator for paints, resins and adhesives, natural essential oil, anti-oxidant agent, vulcanization accelerator or an organic solvent which reacts with the sulfur-containing compound represented by formula (I) according to Claim 1 to form the molecular compound.

- 9. (New) The molecular compound according to Claim 7, wherein the component compounds are the sulfur-containing compound represented by formula (I) and an anti-microbial agent, anti-fungal agent, insecticide, insect repellent agent, perfume, deodorant/anti-odor agent, anti-foulant, curing agent and curing accelerator for paints, resins and adhesives, natural essential oil, anti-oxidant agent, vulcanization accelerator or an organic solvent which reacts with the sulfur-containing compound represented by formula (I) to the form molecular compound.
  - 10. (New) A sulfur-containing compound represented by formula (VII):

$$CIO_2S$$
 —  $Z$  —  $SO_2CI$  (VII)

wherein

Z represents the following formulae (II) through (V):

$$R(O)_mS$$
  $C$   $-W$  (II)

$$R(O)_mS$$
  $S(O)_mR$  (III)

$$R(O)_mS$$
  $S(O)_mR$   $(IV)$ 

$$R(O)_{m}S \longrightarrow C \longrightarrow S(O)_{m}R \quad (V)$$

W represents a hydrogen atom or a C1 to C6 alkyl group which may have substituents;
Y represents a direct bond, an alkylene group having 1 to 3 carbons or a phenylene group;
R represents a chlorine atom, and m represents 2.

A notice of Allowance is earnestly solicited.

If the Office is not fully persuaded as to the merits of Applicant's position, or if an Examiner's Amendment would place the pending claims in condition for allowance, a telephone call to the undersigned at (727) 538-3800 would be appreciated.

Very respectfully,

Dated: 3-10-04

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